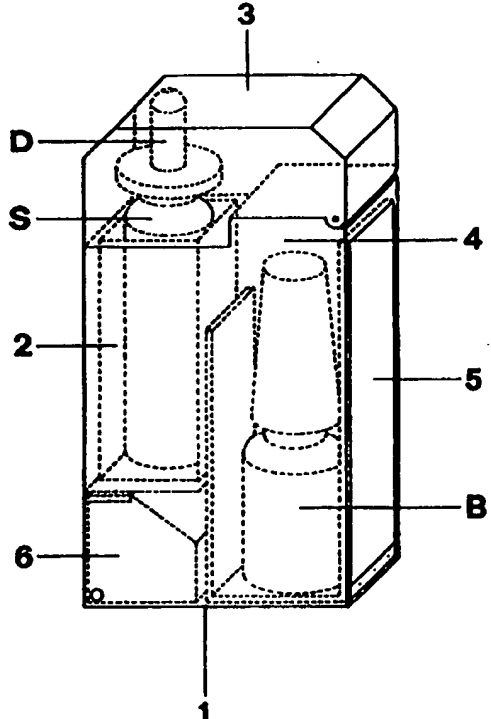


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## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>A61J 1/00, A45C 11/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 98/51257</b> <b>(43) International Publication Date:</b> 19 November 1998 (19.11.98)
<b>(21) International Application Number:</b> PCT/IT98/00072 <b>(22) International Filing Date:</b> 30 March 1998 (30.03.98)  <b>(30) Priority Data:</b> CA97A000014 9 May 1997 (09.05.97) IT CA97U000003 12 June 1997 (12.06.97) IT  <b>(71)(72) Applicant and Inventor:</b> VARGIU, Paolo [IT/IT]; Via Grazia Deledda, 21 B, I-09048 Sinnai (IT).  <b>(74) Agent:</b> MASCIOLI, Alessandro; Via Urbana, 20, I-00184 Roma (IT).		<b>(81) Designated States:</b> JP, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> A MULTI-CONTAINER DEVICE FOR THE POCKET TRANSPORT OF ANTI-ALLERGIC MEDICINE  <b>(57) Abstract</b> <p>The multi-container device (1) according to the present invention, for the pocket transport of anti-allergic medicine, comprises a plurality of shaped and separated housings (2, 4, 6, 10), each provided with its own access and safety closing means (3, 5, 8) for the medicines to be used, in a disposition that makes the transport encumbrance as little as possible.</p> 		

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## "A MULTI-CONTAINER DEVICE FOR THE POCKET TRANSPORT OF ANTI-ALLERGIC MEDICINE"

The present invention concerns a multi-container device for the pocket transport of anti-allergic medicine to be taken by mouth and/or for external use.

It is known that patients suffering from allergies are forced - according to the seasons or the places in which they are living - to carry about different packings of medicines like, e.g., eye drops against a strong lacrimation, a nose spray or inhaler for breathing fits and antihistaminic tablets for modulating both troubles at a systemic level.

It is the aim of the present invention to eliminate the inconveniences deriving from the difficulty of finding in a very short time in a bag or in a pocket the specific medicine for contrasting the first symptoms of the allergy.

The art doesn't know, at present, a single container that may be carried about by the patients and that may contain all medicines of above described kind, allowing an easy and practical use thereof.

The aim set forth is reached by means of the multi-container according to the present invention, comprising a

plurality of shaped and separated housings, each provided with its own access and safety closing means for the medicines to be used, in a disposition that makes the transport encumbrance as little as possible.

The advantage of the device according to the present invention is evident.

The device according to the present invention will be described in detail hereinbelow relating to the enclosed drawings, in which some embodiments are shown.

Figure 1 shows an axonometric and transparent view of a multi-container device according to the present invention for the pocket transport of anti-allergic medicines, with horizontally pivoted structures for the access to the contents of the separate divisions, shown in opening position in figure 2.

Figures 3 and 4 show an axonometric and transparent view the opening position of a variant of the device according to the present invention, with differentiated access structures.

Figures 5 and 6 show a variant with a container divided into sections accessible through one single panel.

Figure 7 shows a variant with four sections, also provided with a single container - beyond the ones listed in the preceding variants - for drinkable water, for possibly swallowing tablets, shown in detail in figure 8.

The enclosed figures show a multi-container device for the pocket transport of anti-allergic medicine, comprising a compact structure 1 divided in a plurality of sections:

- a space 2 for housing a nose spray S, protected by a proportioning device D for sterility and hygiene reasons, accessible through its own lid 3;
- a space 4 for the interchangeable eye drops bottle B, with a horizontally pivoted access structure 5;
- a horizontally pivoted space 6 for containing antihistaminic tablets, with a possible proportioning device 7;
- possible means for hooking said container 1 to the belt of the trousers or to the pocket of a shirt, a jacket or other;
- possible different colours for the different sections of said container 1, for a quick visual location of the content thereof.

In the variant of the device according to the present invention shown in figures 3, 4, all containing spaces are accessible through lids on fulcrum hinges 8, while in the

variant shown in figures 5, 6 the spaces are accessible through the sole ad common lid 9.

The variant shown in figures 7, 8 shown, as mentioned, beyond the different spaces for said medicines, also a small container 10 with a means 11 for the outlet of drinkable water, that may be carried about for swallowing tablets or similar.

## CLAIMS

1. A multi-container device for the pocket transport of anti-allergic medicine, comprising a compact structure (1) divided in a plurality of sections:
  - a space (2) for housing a nose spray (S), protected by a proportioning device (D) for sterility and hygiene reasons, accessible through its own lid (3);
  - a space (4) for the interchangeable eye drops bottle (B), with a horizontally pivoted access structure (5);
  - a horizontally pivoted space (6) for containing antihistaminic tablets, with a possible proportioning device (7);
  - possible means for hooking said container (1) to the belt of the trousers or to the pocket of a shirt, a jacket or other;
  - possible different colours for the different sections of said container (1), for a quick visual location of the content thereof.
2. A device according to claim 1, characterized in lids on fulcrum hinges (8) for a quick visual location of the content.
3. A device according to claim 1, characterized in a sole common lid (9).

4. A device according to claim 1, characterized in the presence of a small container (10) with a means (11) for the outlet of drinkable water, that may be carried about for swallowing tablets or similar.



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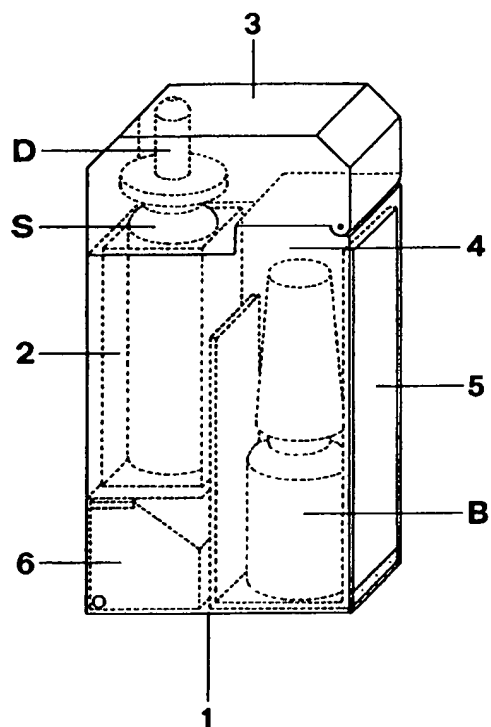
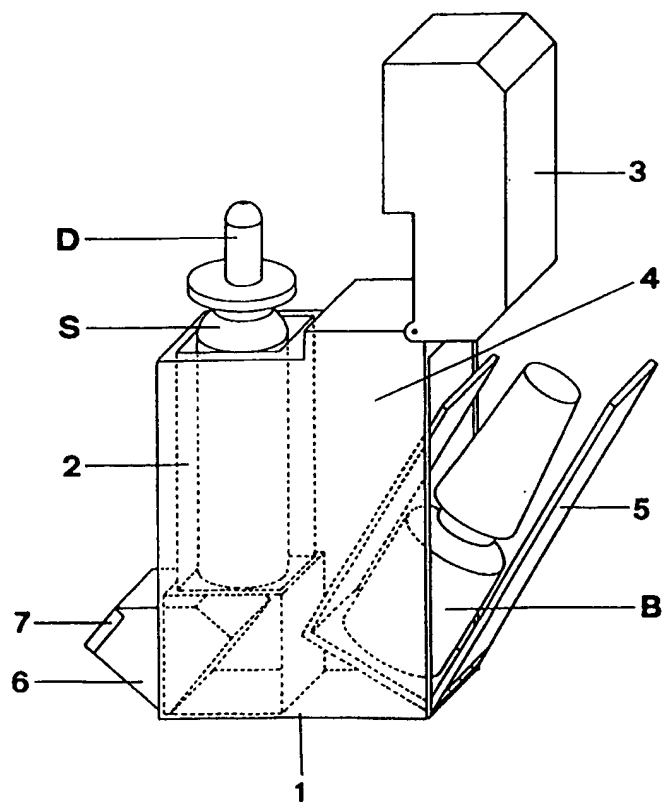


FIG. 2



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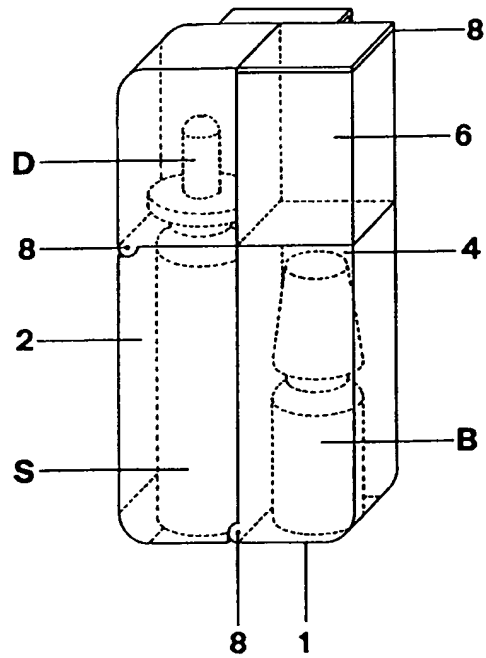


FIG. 3

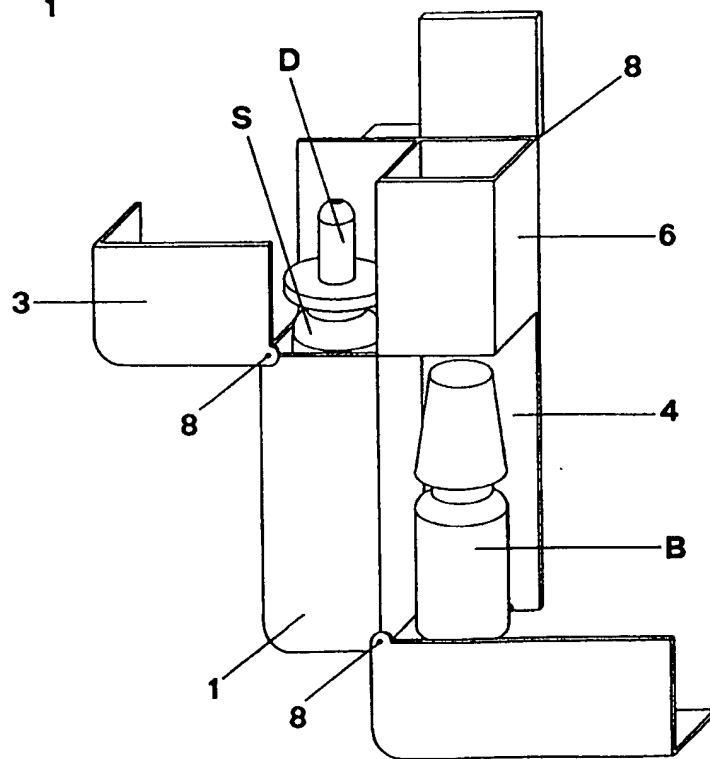


FIG. 4

3/4

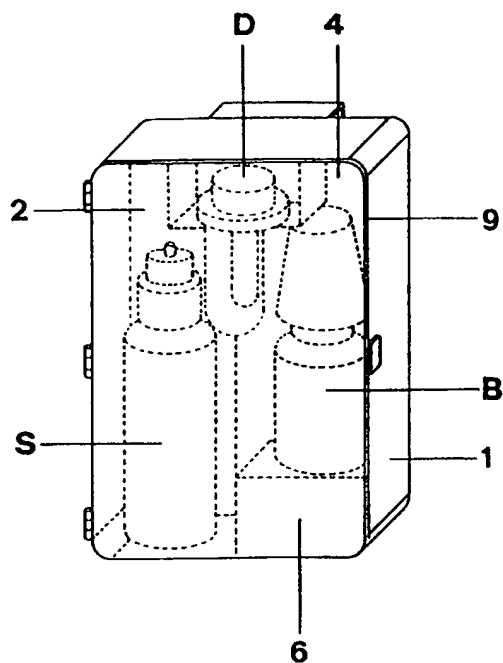
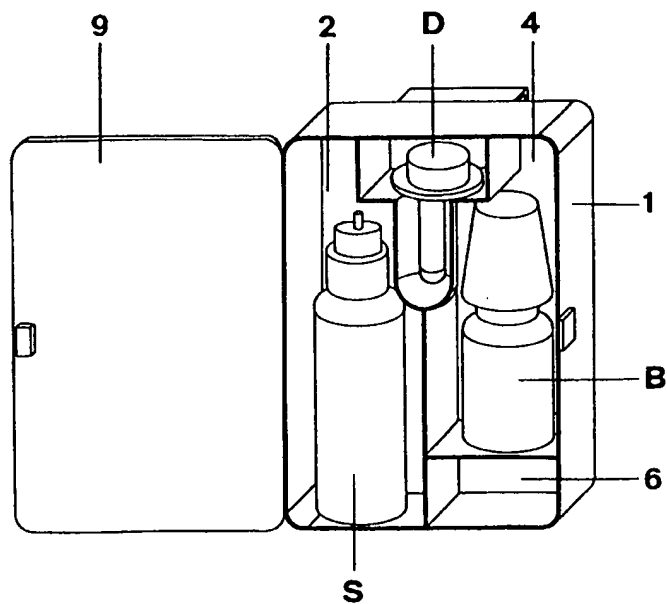


FIG. 5

FIG. 6



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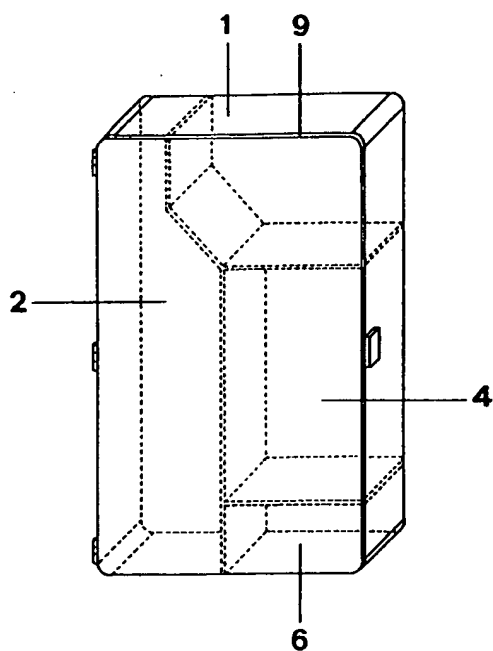


FIG. 7

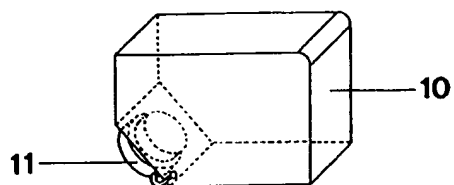


FIG. 8

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP/98/00072

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 6 A61J1/00 A45C11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 6 A61J A45C B65D A61B A45D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 92 13 830 U (SCHOLZ) 24 December 1992 see claim 1; figures ---	1
Y	US 5 611 447 A (WILLIAMS G. TYE) 18 March 1997 see the whole document ---	1
A	DE 91 07 020 U (SCHWARZ) 25 July 1991 see the whole document ---	1,4
A	US 4 518 092 A (CONTRERAS) 21 May 1985 see claims; figures ---	1
A	US 5 004 106 A (PROTECTION PROTECTION INC.) 2 April 1991 see column 4, line 25 - line 39 see column 6, line 4 - line 28; figures ---	2
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A	US 4 848 587 A (NIPP) 18 July 1989 see column 3, line 31 - line 48 -----	3

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